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Percent Identity

Divergence

	1	2	
1		24.5	1
2	135.6		2
	1	2	

OP1
BMP2

Tuesday, June 03, 2003 9:21 AM

	<u>MHVRSLRAAGTHSLVALIAPLVLLGGAAGLVSEILGNEVHAAAI SGR LSSQESDEV LSEFELRLLSILGLK</u>	
	10 20 30 40 50 60 70	
OP1	MHVRSLRAAAPHSFVALWAPLFLIRSA LDFS-LDNEVHSSFIHRR LRSQERREMQRE----ILSILGLF	65
BMP2	M-----VAGTRCLLALLLPQVLLGGAAGLVPELGRRKFAAASSGR PSSQPSDEV LSEFELRLLSMFGLK	64
	<u>QRPTPHLOGKDAVAPMFMLDLYN AHAGEEGGCGAGGGLS RAYKAVFASQNTVASLQDSESLTDADMVMS</u>	
	80 90 100 110 120 130 140	
OP1	HRPRPHLOGKHNSAPMFMLDLYNAMAVEEGGPGGQGF SYPYKAVFSTQG PPLASLQDSHFLTDADMVMS	135
BMP2	QRPTP---SRDAVVPYMLDLYRRHSGQFGSPAPDHR LERA-----ASRANTVRSFHEESLEE-----	121
	<u>FVNLVETSGEFFHPRYTTREFRFDLSSIPTGEAVTAAELQVFKDOI DALGNSSFHHRISVYEVLOEAL</u>	
	150 160 170 180 190 200 210	
OP1	FVNLVEHDKEFFHPRYH HREFRFDLSKIPEGEAVTAAEFRIYKDYIRERFDNET-F--RISVYQVLQEH L	202
BMP2	---LPETSGK-----TTRRFFFNLLSSIPT EEFITSAELQVFREQMDALGNSSFHHRINTIYEI IKPAT	181
	<u>CNSSDLFPVTRL LDSRLVNASASGWL VFDVTA AVNHVWANGHANLGLVVS VATLDGQSGVSKLAGLIGRS</u>	
	220 230 240 250 260 270 280	
OP1	GRESDLF----LLDSRTLWASEEGWL VFDITATSNHVVNPRHNLGLQLSVETLDGQSINPKLAGLIGRH	268
BMP2	ANSK--FPVTRL LDTRLVNQNASRWESFDVTPAVMRWTAQGHANHG FVVEVAHLEEKQGVSKRHVRI SRS	249
	<u>GHODEQSFSVAFIKALLVTFGSIGSGGSL OKSENRSATHKNOEALKMANVAENSSSDORSACKKHELYVS</u>	
	290 300 310 320 330 340 350	
OP1	GPQNKQPFMVAFFKATEVHFRSIRSTGSKQRSQNR SKIPKNQFALMANVAENSSSDQRQACKKHELYVS	338
BMP2	LHQDEHSWSQ--IRPLLVTFGHDGKGHPLHKREK RQAKHKQRKRLK-----SSCKRHPLYVL	304
	<u>FSDVGNDWIVAPEGYAAFYCEGECAFP LASHLNATNHAI VQTLVNSVNSEIVPKACCAPTEL SAISVLY</u>	
	360 370 380 390 400 410 420	
OP1	FRDLGWQDWI LAPEGYAAYYCEGECAFP LNSYMNATNHAI VQTLVHFINPEIVPKPCCAPTQLNAISVLY	408
BMP2	FSDVGNDWIVAPPGYHAFYCHGEC PFPLADHLNSTNHAI VQTLVNSVNSK-IPKACCVPTELSAISM LY	373
	<u>LDDSSNVVLKNYODMVVEGCGCH</u>	
	430 440	
OP1	FDDSSNVILKKYRNMVVRACGCH	431
BMP2	LDENEKVLKNYQDMVVEGCGCR	396